PTO/SB/05 (05-03),
Approved for use through 04/30/2003. OMB 0651-0039,
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Under the Paperwork Reduction Act of 1995, no persons are requ	uired to re					U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERC Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number										
		ey Docket No. PAZ-173CP														
UTILITY	First Ir	nventor	ventor Mark L. Nelson													
PATENT APPLICATION	l !	3 10 AND 12a SI				JBSTITUTED TETRACYCLINE										
TRANSMITTAL	Title	COMF			024											
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ss Mail La	ss Mail Label No. EV 355 385 887 US													
					MS Patent											
APPLICATION ELEMENTS	1	ADDR	ESS	TO: (Commissio	ner fo										
See MPEP chapter 600 concerning utility patent application contents.			P.O. Box 1450 Alexandria, VA 22313-1450													
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)														
Applicant claims small entity status.	8 Nucleotide and/or Amino Acid Sequence Submission															
See 37 CFR 1.27. 3. X Specification [Total Pages 43]	(if applicable, all necessary)															
(preferred arrangement set forth below)	b. Specification Sequence Listing on:															
- Descriptive title of the invention - Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or ii. Paper																
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, 		c. [
- Background of the Invention	or a computer program listing appendix - Background of the Invention ACCOMPANYING APPLICATIONS PARTS															
 Brief Summary of the Invention Brief Description of the Drawings (if filed) 	ŀ	Assignment Papers (cover sheet & document(s))														
- Detailed Description - Claim(s)	!	10. 37 CFR 3.73(b) Statement Power of Attorney														
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets	\neg ₁ '	11.	7		_	-										
5. Oath or Declaration [Total Sheets	╡, '	11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS														
<u> </u>	Statement (IDS)/PTO-1449 Citations															
a. Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503)																
(for continuation/divisional with Box 18 completed)	,	14. X	(Shou	id be spe	ecifically iten	nized)	•									
i. DELETION OF INVENTOR(S) Signed statement attached deleting	ı	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)														
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.													
	17. Other:															
6. X Application Data Sheet. See 37 CFR 1.76																
18. If a CONTINUING APPLICATION, check appropriate box, a following the title, or in an Application Data Sheet under 37 CFR	and supp ? 1.76:	ly the requi	isite info	rmation	below and in	the fi	rst sentence of the specification									
Continuation Divisional Continuation-		CIP) of p	rior app	lication N	No.:											
Prior application information: Examiner				Art U	Init:											
For CONTINUATION or DIVISIONAL APPS only: The entire dunder Box 5b, is considered a part of the disclosure of the acco																
reference. The incorporation can only be relied upon when a po	ortion has	s been inad	vertenti	y omitted												
19. COR	RESPO	NDENCE	ADDF	RESS	Т											
X Customer Number or Bar Code Label		00959			or 5	(Co.	rrespondence address below									
A Cadomo Hamber of Ed. 3333					ا " ك	7 .	nesponadnos des. 222 20.2									
LAHIVE & COCKFIELD, LLP																
Elizabeth A. Hanley																
Address 28 State Street																
City Boston Stat		MA			Zip Code	_ 02	2109									
	ephone	(617) 2	27-74	100	———		(617) 742-4214									
Name (Print/Type) Elizabeth A. Hanley		'` - ´ -		_	omey/Agenf	- +	33,505									
Signature / MIL /				Date		y 14, 2003										
Signature July 14, 2003																
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355 385 887 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on																
the date shown below.																
Dated: July 14, 2003 Signature:	1/1/	——		(EI	lizabeth A. I	Hanle	y)									

PTO/SB/17 (05-03)
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FEE TRANSMITTAL		Complete if Known							
ILLIKANSIVIIIIAL		Application Number				Not Yet Assigned			
for FY 2003		Filing Date				Concurrently Herewith			
Effective 01/01/2003, Patent fees are subject to annual revision.		First Named Inventor				Mark L. Nelson			
Ellective 01/01/2003, Fatent fees are subject to annual revision.	Examiner Name				Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27		A . 4 1 1 = 14				N/A			
	Art Unit								
TOTAL AMOUNT OF PAYMENT (\$) 1,768.00		Attorney Docket No. PAZ-173CP					CP		
METHOD OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (co	ontinued)		
Check Credit Money Other None	er None 3. ADDITIONAL FEES								
Card Order Street Stree									
X Deposit Account	Larra Frakk. Small Frakk.								
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The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	sheet.	iato provior	orial many rec or cover		
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-Englis	h specificatio	n		
X Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2 520	For filipp o	onwart for av	parte reexamination		
application	l	·	l		-		of SIR prior to	<u> </u>	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner a	action	•		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner a	publication of	of SIR after		
FEE CALCULATION	1251	110	2251	55		or reply within	n first month		
1. BASIC FILING FEE	1252	410	2252	205			n second month		
Large Entity Small Entity	1253	930	2253	465	Extension 1	or reply within	n third month		
Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension t	for reply withi	n fourth month		
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750.00	1255	1.970	2255						
1001 750 2001 375 Utility filing fee 750.00	1401	320	2401	985 160	Notice of A	or reply within	n mun monun	├─┤	
1003 520 2003 260 Plant filing fee	1402	320	2402			ef in support o	of an anneal	-	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	_	r oral hearing	• •		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451			-	olic use proceeding	-	
'	1452	110	2452	55		revive – unav			
SUBTOTAL (1) (\$) 750.00	1453	1,300	2453	650	Petition to	revive - uninte	entional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue	fee (or reiss	ue)		
Extra Fee from	1502	470	2502	235	Design issu	ıe fee			
Claims below Fee Paid Total Claims 61 -20** = 41 x 18.00 = 738.00	1503	630	2503	315	Plant issue			\vdash	
Independent 2 -3** = X = 0.00	1460	130	1460	130		the Commis	sioner	- 1	
Claims	1807	50	1807	50			CFR 1.17(q)		
Multiple Dependent 280.00 = 280.00	Ī				_				
Large Entity Small Entity Fee	1806	180	1806	180			on Disclosure Stmt Issignment per	<u> </u>	
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1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a sub (37 CFR 1.		final rejection		
1201 84 2201 42 Independent claims in excess of 3	4545	750	2045		•		ntion to be		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	-		Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		r expedited e application	xamination		
and over original patent	Other	fee (spe	cify)			,,			
SUBTOTAL (2) (\$) 1,018.00				iling Fee	Paid	SUBTO	TAL (3) (\$)	0.00	
**or number previously paid, if greater, For Reissues, see above		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
SUBMITTED BY						Complete	(if applicable)		
Name (Print/Type) Elizabeth A. Hanley		ration No		3,505	-		(617) 227-7400		
~ /	(Attorn	ey/Agent)		,,,,,,,,,,		 	<u>`</u>		
Signature / //	_					Date	July 14, 2003		

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Dated: July 14, 2003

Signature:

(Elizabeth A. Hanley)